CHUKSANOVA, N.A.

Structural changes in a potato sprout in virus diseases. Vest. Len. un. 9 no.4:47-57 Ap '54. (MLRA 8:6)
(Potatoes) (Virus diseases of plants)

BARANOV, P.A.; YAKOVLEV, M.S., redaktor; CHUKSANOVA, N.A., redaktor; PEVZNER, R.S., tekhnicheskiy redaktor.

[History of plant embriology; in connection with the development of concepts of the origin of organisms] Istoriia embriologii rastenii; v sviazi s razvitiem predstavlenii o zarozhdenii organizmov. Moskva, Izd-vo Akademii nauk SSSR, 1955. 439 p. (MIRA 8:4)
(Botany--Embriology--History)

GERBIL'SKIY, N.L., redaktor; DOGEL', V.A., redaktor [deceased]; DONDUA, A.K., redaktor; TOKIN, B.P., otvetstvennyy redaktor; CHUKSANOVA, N.A., redaktor; SHCHERBAKOVA, G.A., redaktor; IVANOVA, A.V., tekhnicheskiy redaktor

[Problems in present-day embryology; proceedings of a conference held January 25 - February 1, 1955 at Leningrad] Problemy sovremennoi embriologii; trudy soveshchaniia embriologov, 25 ianvaria - 1 fevralia 1955 g. Leningrad. [Leningrad] Izd-vo Leningradskogo univ., 1956. 399 p. (MLRA 10:2)

1. Soveshchaniye embriologov. Leningrad, 1955. 2. Leningradskiy Gosudarstvennyy universitet. Kafedra ikhtiologii i gidrobiologii (for Gerbil'skiy) 3. Leningradskiy Gosudarstvennyy universitet. Kafedra embriologii (for Dondua, Tokin)
(EMBRYOLOGY—CONGRESSES)

CHUKSANOVA, N.A.

Experimental polyploidy in the genus Solanum, section Tuberarium.
Trudy MOIP. Otd.biol 5:200-214 '62. (MIRA 16:5)

1. Kafedra genetiki i selektsii Leningradskogo universiteta.
(POTATO BREEDING) (POLYPLOIDY)

ZHUKOVSKIY, P.M., otv. red.; TROSHIN, A.S., otv. red.; ASTAUROV, B.L., red.; ZHINKIN, L.N., red.; MATVEYEVA, T.S., red.; SAKHAROV, V.V., red.; FEDOROV, A.A., red.; CHUKSANOVA, N.A., red.

[Polyploidy and breeding; transactions] Poliploidiia i selektsiia; trudy. Moskva, Nauka, 1965. 322 p. (MIRA 18:6)

1. Soveshchaniye po poliploidii, 1963. 2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Zhukovskiy). 3. Chlen-korrespondent AN SSSR (for all except Zhukovskiy).

CHUKSEYEV, Ya.K.

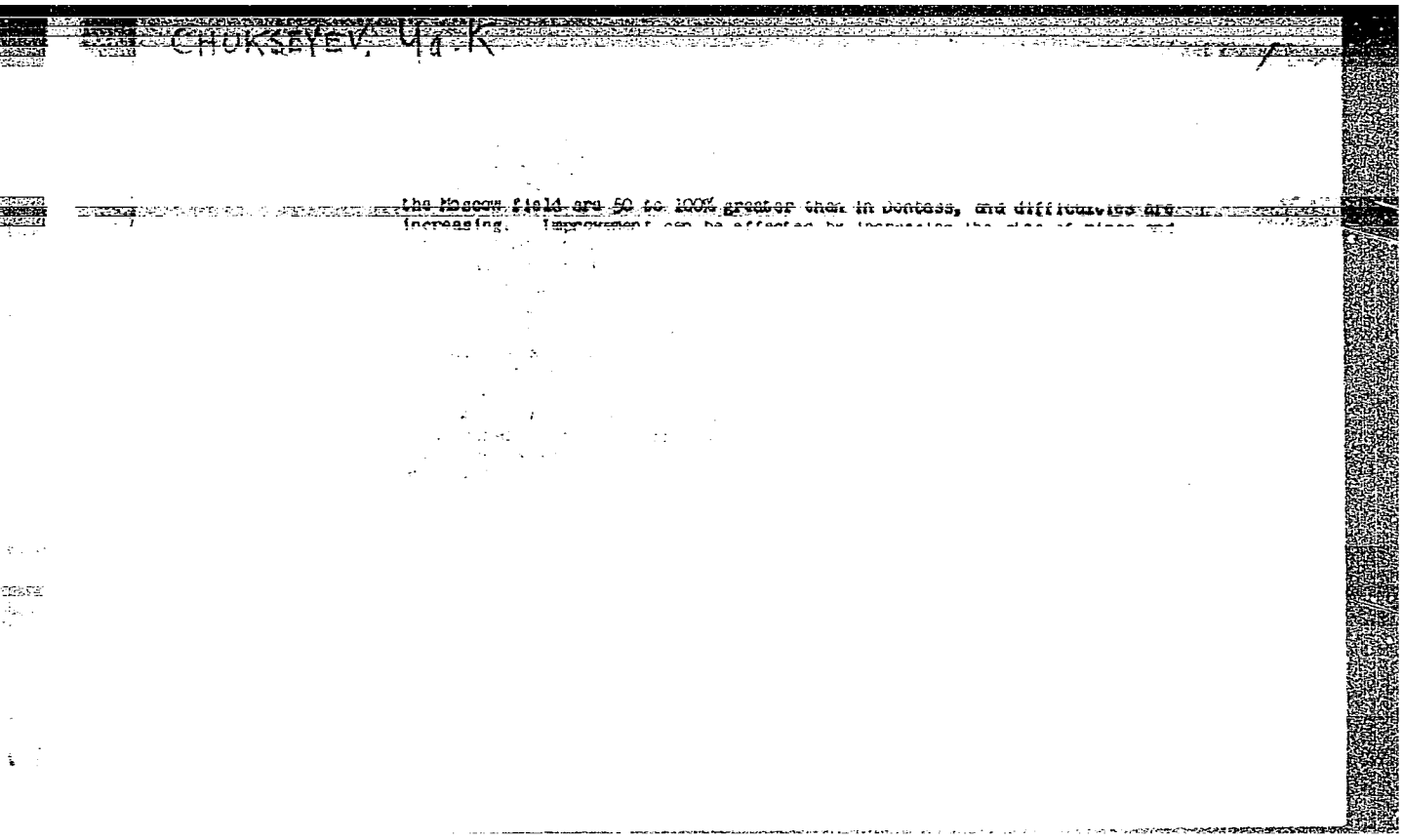
Moscow Basin mine building is growing. Shakht. stroi. no.8:4-7 Ag '57. (MLRA 10:9)

1. Zamestitel' predsedatelya Sovnarkhoza Tul'skogo ekonomicheskogo administrativnogo rayona.
(Moscow Basin--Coal mines and mining)

CHUKSEYEV, Ya.K.

CHUKSEYEV, Ya.K.

Mechanization of mining horizontal galleries in the Moscow Basin.
Shakht.stroi. no.10:4-6 O '57. (MIRA 10:12)
(Moscow Basin--Coal mining machinery)



PHASE I BOOK EXPLOITATION SOV/4929

Chukseyev, Yakov Korneyevich

Shakhtnoye stroitel'stvo v slozhnykh gornogeologicheskikh usloviyakh (Shaft Construction Under Complex Mining-Geological Conditions) Moscow, Gosgortekhizdat, 1959. 231 p. Errata slip inserted. 1,200 copies printed.

Resp. Ed.: M. Z. Volovich; Ed.: L. V. Smirnov; Tech. Ed.: A. Sabitov.

PURPOSE: This book is intended for engineering and technical personnel engaged in shaft construction for the coal-mining industry. It will also be of interest to workers in other industrial branches employed in the construction and exploitation of concerns for the mining of mineral resources.

COVERAGE: The book discusses the development of shaft construction in the coal fields of the Moscow region. Data are given on the geological and hydrogeological conditions of the coal deposits

Card 1/8

of this area, on the basic trends in the planning and standardization of coal mines and the most important objects of shaft sinking and construction, on the development of housing and road construction, and on a center for construction and mechanical equipment. The author treats the problems connected with the layout of drifting and crosscuttings under complex geological conditions in some detail. Particular attention is given to the development and improvement of drainage methods for the coal-field deposits in the Moscow region and also several ore deposits in the USSR, and to a description of the sinking of shafts by special methods. The construction of drifts and levels under compressed air is explained. Also considered are problems of lowering the cost of mine construction and exploitation in the coal fields of the Moscow region, as well as ways and means of increasing the efficiency of the mines in general. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 2/8

CHUKSEYEV, Ya.

Rapid construction of a very large blast furnace. Na stroi. Ros. 3 no.3:1-4 Mr '62. (MIRA 16:2)

1. Zamestitel' predsedatelya Tul'skogo soveta narodnogo khozyaystva. (Novotul'skiy—Blast furnaces)

CHUKSEYEV, Ya.

Efficient use of capital investments. Na stroi. Ros. 4 no.1:3-6 Ja '63. (MIRA 16:3)

(Tula Province--Chemical industries)

CHUKSEYEV, Ya.K.

Synthetic rubber plant built in 22 months. Prom. stroi. 42 no.12:6-9 D '64. (MIRA 18:3)

1. Nachal'nik Glavpriokskstroya Ministerstva stroitel'stva RSFSR.

CHUKSIN, N.Y.

Machine tool for grinding faces of cylindrical parts. Biul.tekh. ekon.inform.Gos.nauch.-issl.inst.nauch.i.tekh.inform. [redacted]:44-46 O '64. (MIRA 18:4)

CHUKSIN, Yu. V.

Shchegolyutin, M. Ye., Ryabikov, O. G., Kukhorenko, K. G., Chuksin, Yu. V., Korotkov, V. K., Works completed on the SRT-1102 "Alazeya" during the second expedition in the middle part of the Atlantic Ocean, Byul. tekhn.-ekon. inform. Sovnarkhoz. Kaliningradsk. edon. adm. r-na (Bulletin of Technical and Economic Information of the Sovnarkhoz of Kaliningrad Economic Administrative Region), No 3-4, 1958, p 22-25; (RZhGeog 11/59-31841)

CHUKSIN, Yuriy Vladimirovich, inzh.; VYALOV, Yuriy Aleksandrovich, inzh.; KUDKINA, Ye., red.; NIKITINA, V., tekhn. red.

[Herring of the Northwestern Atlantic and fisheries for them] Sel'di Severo-Zapadnoi Atlantiki i ikh promysel. Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1963. 122 p. (MIRA 17:3)

1. Atlanticheskaya nauchno-promyslovaya perspektivnaya razvedka Nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii (for Chuksin, Vyalov).

FREYDLIN, G.N.; ZHENODAROVA, S.M.; CHUKUR, A.P.; FOMINA, N.V.

Vinyl monomers based on dicarboxylic acids. Part 1: Monoesters of adipic and succinic acids. Zhur.ob.khim. 32 no.3:792-794 Mr '62. (MIRA 15:3)

(Adipic acid) (Succinic acid)

S/079/62/032/003/003/007
D204/D302

AUTHORS: Freydlin, G.N., Zhenodarova, S.M., Fomina, N.V. and Chukur, A.P.

TITLE: Vinyl monomers based on dicarboxylic acids. II. Vinyl alkyl esters of succinic and adipic acids

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 3, 1962, 795-798

TEXT: Preparation and properties of the above esters was studied owing to the possibility of producing from them internally plasticized polymers. Direct vinylation of monoesters in the liquid phase and the "vinyl exchange" methods were tried. Normal butyl, amyl, hexyl, octyl and nonyl vinyl adipates were synthesised by the catalytic reaction with acetylene in an autoclave, at 160-180°C and 20 atm, over Cd acetate, inhibiting polymerization with hydroquinone. Optimum conditions for this reaction shall be determined in future work. Succinic monoesters were found to be too unstable to be treated in this manner. Vinyl n-R esters (R=methyl to decyl inclusive) of succinic and adipic acids were prepared, in 30-70 and

Card 1/2

Vinyl monomers based on ...

S/079/62/032/003/003/007
D204/D302

30-97% yields respectively, by the action of vinyl acetate on the corresponding monoester at either 20°C for 5-7 days or 30-40°C for ~ 30 hrs. using Hg acetate/conc. H_2SO_4 as a catalyst and hydroquinone as an inhibitor. The yields were reduced at higher temperatures. Experimental details are given and physico-chemical properties of the products are tabulated. There are 2 tables and 12 references: 6 Soviet-bloc and 6 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: US Pat. 2,472,434,(1949);US Pat.2,153,987, (1939); W.S. Port in the collection "Industrial Fatty Acids and their Applications", N.Y.(1959); R. Adelman, J.Org. Chem., 14,1057 (1949).

SUBMITTED: January 30, 1961

Card 2/2

L 14948-63 EWP(j)/EPF(c)/EWT(m)/BDS ASD Pc-4/Pr-4 RM/WW

ACCESSION NR: AP3003790 S/0190/63/005/007/1008/1011

AUTHORS: Freydlin, G. N.; Zhenodarova, S. M.; Fomina, N. V.; Chukur, A. P. 66 65

TITLE: Polymerization of vinylalkyl esters of dicarboxylic acids

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 5, no. 7, 1963, 1008-1011

TOPIC TAGS: polymerization, vinylalkyl ester, dicarboxylic acid, benzoyl peroxide

ABSTRACT: The polymerization process of vinylalkyl esters of succinic, glutaric, and adipic acids was studied. Experiments were conducted in sealed ampules containing 20 gms of the monomer and 0.1 gm of dissolved benzoyl peroxide in an atmosphere of either nitrogen or air. The ampules were placed in a water bath at temperatures ranging from 65 to 120C, and the progress of the polymerization followed by bromine number determination. It was found that the rate of polymerization increased with the temperature, the yield of the vinylmethylsuccinate polymer at 100C being more than ten times the yield at 80C. In a vacuum the polymerization proceeded at a higher rate and at lower temperatures, while the presence of oxygen delayed it. It was also recorded that the esters of adipic acid polymerize somewhat faster as compared with the esters of succinic and glutaric acid. But it

Card 1/2

L 14948-63

ACCESSION NR: AP3003790

was also found that the induction period of polymer formation increases from vinylmethylsuccinate to vinylhexylsuccinate and practially ceases with the vinylhyptylsuccinate ester. Orig. art. has: 1 chart and 4 tables.

ASSOCIATION: Lisichanskiy filial gosudarstvennogo naucimo-issledovatel'skogo i proyektnogo instituta azotnoy promy*shlennosti i productov organicheskogo sinteza (Lisichan Branch of the State Scientific Research and Production Institute of the Nitrogen Industry and Products of Organic Synthesis)

SUBMITTED: 18Dec61 DATE ACQ: 08Aug63 ENCL: 00

SUB CODE: CH NO REF SOV: 004 OTHER: 004

Card 2/2

CHUKUR, A.P.

S/079/63/033/003/005/005
A066/A126

AUTHORS: Freydlin, G.N., Zhenodarova, S.M., Chukur, A.P., Fomina, N.V.

TITLE: Vinyl monomers on the basis of dicarboxylic acids. III. Vinyl alkyl esters of glutaric acid. Vinyl cyclohexyl and vinyl benzyl esters of succinic, and adipic acid

PERIODICAL: Zhurnal obshchey khimii, v. 33, no. 3, 1963, 934 - 938

TEXT: The authors describe the synthesis of vinyl alkyl esters of glutaric acid and of normal aliphatic alcohols from methyl to decyl alcohol, as well as the synthesis of vinyl cyclohexyl and vinyl benzyl esters of succinic, and adipic acid. The purpose of the present work was to study the influence exerted by the structure of the substituent in the side chain on the properties of the polymer. The vinyl esters were synthesized as follows: dicarboxylic acid was transformed into a monoester by partial esterification with suitable alcohols. The monoester was subjected to a "vinyl exchange" reaction with the participation of vinyl acetate. The monoalkyl glutarates were found to be very stable, colorless liquids which are able to withstand vacuum distillation. Furthermore, they boil in vacuo at high temperatures.

S/079/63/033/003/005/005
A066/A126

Vinyl monomers on the basis of ...

The monocyclohexyl and monobenzyl esters of succinic, glutaric, and adipic acid boil at high temperatures and decompose during distillation. There are 4 tables.

ASSOCIATION: Lisichanskiy filial Gosudarstvennogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza (Lisichansk Branch of the State Institute for the Nitrogen Industry and for Products of Organic Synthesis)

SUBMITTED: February 27, 1962

Card 2/2

FILIPPOV, M.P.; ZAYTSEVA, L.F.; ZAYTSEVA, Z.V.; CHUKUR, A.P.

Determination of vinyl alkyl adipates in their mixture with vinyl acetate by the bromide-bromate method. Zhur. anal. khim. 20 no.1:132-134 '65. (MIRA 18:3)

1. Severodonetskiy filial Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.

FREYDLIN, G.N.; CHUKUR, A.P.; DZAROKHOKHOVA, L.I.

Vinyl monomers based on dicarboxylic acids. Part 7: Vinyl alkyl esters of azelaic and sebacic acids. Zhur. org. khim. 1 no.8:1367-1369 Ag '65. (MIRA 18:11)

L 31227-66 EWP(f)/T-2 WW

ACC NR: AP6022808 SOURCE CODE: UR/0096/66/000/003/0019/0024

AUTHOR: Livshits, M. A. (Engineer); Zolotavin, B. N. (Engineer); Chukvinskiy, M. M. (Engineer); Moseyev, G. I. (Candidate of technical sciences)

ORG: ORGRES, VTI-YuO

TITLE: Investigation of the applicability of direct-flow boiler PK-38 in a unit with turbine K-160-130 and reliability of its operation with sharp load changes

SOURCE: Teploenergetika, no. 3, 1966, 19-24

TOPIC TAGS: steam boiler, industrial heat exchanger/PK-38 steam boiler

ABSTRACT: Results are presented from experimental investigations of the dynamic characteristics as to steam consumption and temperature conditions of the PK-38 direct-flow boiler with gas as a fuel. When the automatic controls are working properly, load changes of up to 37% of nominal can be withstood, with stable heating surface. The heat exchanger surfaces may undergo changes of about 40°C from ordinary operating temperature. Load changes of up to 80t/hr per minute can be performed: without forcing, the time to 90% assigned load after sudden change is 65-75 sec; with double forcing for 30 sec, the time to 90% load is 40 sec. The unit can pick up a 35-Mw power system in 10-12 sec with no forcing, a 45-Mw system with forcing, without changing steam pressure over 10 bar. The injection used in the initial portion of the heating tract is effective in increasing the reaction rate, but causes rapid temperature fluctuations of the metal in the area, which should be further investigated. Orig. art. has: 6 figures and 1 table. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 005 UDC: 621.181.91.001.45

LIVSHITS, M.A., inzh.; ZOLOTAVIN, B.N., inzh.; CHUKVINSKIY, M.M., inzh.; MOSEYEV, G.I., kand. tekhn. nauk

Study of the operation of a once-through type PK-38 boiler in a block with a K-160-130 turbine at rapid pressure changes. Teploenergetika 12 no.7:16-20 Jl '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy teplotekhnicheskiy institut i Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey.

ZOLOTAVIN, B.N., inzh.; CHUKVINSKIY, M.M., inzh.

Dynamic characteristics of the PK-38 boiler and choice of optimal automatic systems. Elek. sta. 36 no.12:5-9, 81 D '65. (MIRA 18:12)

CHUKVYSHKINA, S.M., inzh.

Review of Bulgarian power engineering. Energokhoz. za rub. no.6: 1-6 N-D '59. (MIRA 13:3)
(Bulgaria--Power engineering)

CHUKVYSHKINA, S.M.

Electric power engineering in Bulgaria. Obshch. energ. no.3:144-151 '60. (MIRA 14:3)

(Bulgaria—Electric power)

CHEKMOTAYEVA, Ye.M., inzh.; CHUKVYSHKINA, S.M., inzh.; KHATUNTSEVA, T.N., inzh.

Power engineering in the Rumanian People's Republic. Energokhoz. za rub. no.6:1-5 N-D '60. (MIRA 14:3)
(Rumania—Electric power)

CHULAKI, M.

[In new China] V novom Kitae. Moskva , Muzgiz, 1954. 45 p.
(MLRA 8:2D)

SHOSTAKOVICH, D.; CHULAKI, M.; PEYKO, N.; BOGOSLOVSKIY, Nikita; VOLKONSKIY, A.; ANDREYEV, N., akademik; SKRYABINA, A.N.; SHABORKINA, A.

More discussion on the photoelectronic music synthesizer. Znan.sila 35 no. 11:28 N '60. (MIRA 13:12)
(Electroacoustics)

CHULAKOV, P. Ch. Cand Tech Sci -- (diss) "The Intensity of Rock Disintegration as ~~Depending on~~ a Function of the Gas-Dynamic Parameters of the Thermal Flux ~~in~~ on Thermal Drilling (~~in the~~ under the Conditions of the Kounrad Mine)." Alma-Ata, 1957. 16 pp with diagrams, 21 cm. (Min of Higher Education USSR, Kazakh Mining-Metallurgical Inst, ~~x~~ Chair of ~~the Development~~ Working of Ore Deposits), 120 copies (KL, 19-57, 87)

CHULAKOV, P. CH.

BRICHKIN, A.V.; GRNBACH, A.N., inzhener; ZHAKUPOV, T.Ye.; inzhener;
CHULAKOV, P.Ch., inzhener.

Theory and principles of design of a thermal jet piercing machine.
Gor. zhur. no.4:24-30 Ap '57. (MLRA 10:5)

1. Chlen-korrespondent AN KazSSR (for Brichkin).
(Boring machinery)

BRICHKIN, A.V.; CHULAKOV, P.Ch., inzhener; GENGACH, A.N., inzhener.

Conditions for using the thermal method in intensive rock drilling. Vest. AN Kazakh. SSR 13 no.2:38-46 F '56. (MLRA 10:6)

1. Chlen-korrespondent AN Kazakhskoy SSR (for Brichkin).
(Boring)

Chulakov, P.Ch.

BRICHKIN, A.V., professor, doktor; ZHAKUPOV, G.Ye., kandidat tekhnicheskikh nauk.; GENBACH, A.N., inzhener; CHULAKOV, P.Ch., inzhener; SINDEYEV, P.R., inzhener;

Manually operated thermoborer with a single nozzle burner. Mekh.trud. rab. 11 no.1:15-16 Ja '57. (MLRA 10:5)

1.Chlen-korrespondent Adademii nauk KazSSR (for Brichkin)
(Boring machinery)

BRICHKIN, A.V., prof.; CHULAKOV, P.Ch., inzh.; GENBACH, A.N., inzh.

Theoretical principles of thermal piercing. Izv.vys.ucheb.zav.; gor.zhur. no.7:48-56 '58. (MIRA 12:3)

1. Chlen-korrespondent AN Kaz.SSR (for Brichkin). 2. Kazakhskiy gorno-metallurgicheskiy institut.
(Boring)

BRICHKIN, A.V.; CHULAKOV, P.Ch.; GENBACH, A.N.

Granulometric composition of the products of thermal boring of holes. Vest. AN Kazakh. SSR 14 no.2:52-61 F '58. (MIRA 11:2)
(Boring)

BRICHKIN, A.V.; CHULAKOV, P.Ch.

Heat exchange and the conditions of intensive breaking of rock in thermal boring. Trudy Alt. GMNII AN Kazakh. SSR 10:95-102 '61. (MIRA 14:9)

(Boring)

KLIKO, V.R., kand.tekhn.nauk; CHULAKOV, P.Ch., kand.tekhn.nauk; ZUB, M.P., inzh.

Study of the operation of fans of the main ventilation system. Izv. vys. ucheb. zav.; gor. zhur. no.11:119-123 '61. (MIRA 15:1)

1. Rekomendovana kafedroy rudnichnoy ventilyatsii i tekhniki bezopastnosti Kazakhskogo politekhnicheskogo instituta. 2. Kazakhskiy politekhnicheskiy institut (for Kliko, Chulakov). 3. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva (for Zub).
(Zyryanovsk District--Mine ventilation)

KLIKO, V.R., kand. tekhn. nauk; CHULAKOV, P.Ch., kand. tekhn. nauk; AKHMETOV, O.A., inzh.

Study of the ventilation of a horizon of secondary crushing. Izv. vys. ucheb. zav.; gor. zhur. no.6:57-60 '61. (MIRA 16:7)

1. Kazakhskiy gornometallurgicheskiy institut. Rekomendovana kafedroy rudnichnoy ventilyatsii.
(Mine ventilation)

CHULAKOV, Sh. A.

"Effect of the Stratification of the Soil on the Soil Microflera." Cand Biol Sci, Inst of Soil Science, Acad Sci Kazakh SSR, Alma-Ata, 1953. (RZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

USSR/Biology - Azotobacter

Card 1/1 : Pub. 73 - 3/11 FD-1414

Author : Chulakov, Sh. A.

Title : The distribution of Azotobacter in the soils of the Zailiski Ala Tau

Periodical : Mikrobiologiya, 23, 6, 656-661, Nov-Dec 1954

Abstract : The distribution of Azotobacter in the soils of the Zailiski Ala Tau Mountain Range were investigated with respect to the type of soil, the season of the year, temperature, and altitude. Azotobacter were not found at mountain-meadow or mountain-forest levels. The results of the investigations are presented on two charts and three graphs. Nine Soviet references are cited.

Institution : Institute of Soil Science, Academy of Sciences, Kazakh SSR

Submitted : 19 January 1954

USSR / Soil Science. Biology of Soils. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95731.

Author : Chulakov, Sh. A.
Inst : Institute of Soil Science AS KazSSR.
Title : Vertical Zonality of Soils and Soil Microflora.

Orig Pub: Tr. In-ta pochvoved. AN KazSSR, 1955, 5, 5-108.

Abstract: A review is made of literature on the problem of the connection between the spread of microorganisms and the zonality of soil types; characteristics of natural conditions of the mountain system of the Zailiyskiy Allatau in Alma-Atinskaya Oblast are given, with the soils of which the investigation was carried out; a description of zonal vegetation and soil profiles is given. Basic attention in the work was given to the general quantity of bacteria, number of spore forms,

Card 1/3

USSR / Soil Science. Biology of Soils. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95731.

Abstract: azotobacter, actinomyces, fungi and nitrificable capacity of virgin soils. The total number of microorganisms decreases from sierozems to chernozems and to alpine-meadow soils; the quantity of spore forms increases with the transfer from the high mountain soils to the chernozems and sierozems. Azotobacter is found in the sierozems chestnut soils and chernozems and is not found in the alpine-meadow and mountain-forest soils. The number of actinomyces decreases uniformly in the soils located higher. The number of fungi is less than the other groups of microorganisms; the relative quantity of fungi increases in the soils of the high mountain zones. As regards the soil profile, the number of bacteria gradually decreases; the quantity of actinomyces decreases

Card 2/3

CHULAKOV, Sh.A., kandidat biologicheskikh nauk.

The distribution of azotobacter in some soils of the Kzyl-Orda irrigation system. Vest. AN Kazakh. SSR 12 no.9:38-44 S '56. (MLRA 9:10)

(Kzyl-Orda Province--Azotobacter)

CHULAKOV, Sh. A.

USSR/Soil Science. Soil Biology J-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43813

Author : Chulakov Sh.A., Teplyakova Z.F.
Inst : Not Given
Title : The Distribution of Actinomyces in the Soils of the Foothill Plains of Zailiyskiy Alatau

Orig Pub : Vestnik AN KazSSR, 1956, No 12, 24-32 (Res. Kazakh)

Abstract : Chestnut, sierozem and meadow sierozem soils were investigated. The composition of actinomyces species grew as one went from the chestnut to the sierozem soils. The largest number of species was isolated in the summer to autumn time of the year, when soil moisture was considerably lessened. The least number of species was observed during the fall in the period of maximun moisture. There were less actinomyces on virgin soils than cultured, which is explicable by the creation of more favorable developmental conditions for these microorganisms in worked soil. -- T.P. Vertogradova

Card : 1/1

USSR / Soil Science. Biology of Soils. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95733.

Abstract: anaerobiosis in the lower thick layers and on the necessity for reviewing Vil'yams' point of view. -- A. L. Bychkovskaya.

Card 2/2

CHULAKOV, Sh.A., kand. biol. nauk.

Second republic-wide conference of soil scientists. Vest. AN Kazakh. SSR 14 no.4:89-93 Ap '58. (MIRA 11:6)
(Kazakhstan--Soils)

CHULAKOV, Sh.A., kand.biol.nauk

Density of microbial population in the irrigated soils of Kzyl-Orda Province. Vest. AN Kazakh. SSR 14 no.8:83-88 Ag '58. (MIRA 11:10)
(Kzyl-Orda Province--Soil micro-organisms)

SOV/31-59-3-8/14

30(1)
AUTHOR: Chulakov, Sh.A., Candidate of Biological Sciences

TITLE: On the Problem of Soil Structure Formation (K voprosu ob obrazovanii pochvennoy struktury)

PERIODICAL: Vestnik Akademii nauk Kazakhskoy SSR, 1959, Nr 3, pp 59-67 (USSR)

ABSTRACT: This article contains a microbiological analysis of the chestnut brown soils of the Akmolinsk Oblast'. The determination of the total number of aerobic microorganisms was carried out in MPA Petri vessels ("v chashkakh Petri na MPA"). The total number of anaerobic bacteria was determined in long, closed MPA glass tubes with additions of 2% glucose. The number of soil actinomycetes and fungi was established according to the method of D.M. Novogrudskiy. The analysis has shown that in all kinds of soil, whether newly cultivated or not, the maximum number of microorganisms is concentrated in the upper stratum. Towards the bottom, the number of microorganisms

Card 1/3

gradually decreases. Such a distribution of the microbiologic population of the soil is essentially connected with the downward decreasing occurence of organic matter. It is remarkable that the distribution curve of anaerobic bacteria does not represent an exception to the rule. On the basis of his investigation, carried out at the Institut pochvovedeniya (Institute of Soil Science) of the Kazakh AS, and the data supplied by the investigations of other scientists, the author doubts the truth of the canonical belief in the formation of the valuable elements of the soil by the exclusive activity of anaerobic bacteria. The article also contains data on the oxidizing and reducing potential of chestnut brown and marshy soils and related indications. The author mentions the following scientists: V. R. Vil'yams, T.S. Mal'tsev, Ye.N. Mishustin, P.I. Timoshin, V.B. Matskevich, Fodor, Fleks, N.N. Khudyakov, F. Porodko, V.L. Omelyanskiy,

On the Problem of Soil Structure Formation SOV/31-59-3-8/14

I.I. Yemel'yanov, I.D. Sharapov, D.M. Novogrudskiy, T.V. Aristovskaya, S.A. Samtsevich, N.V. Meshkov, R.N. Khodakova, A.N. Ilyaletdinov, Z.F. Teplyakova. There are 10 tables, 1 graph and 34 Soviet references.

Card 3/3

MATYSHUK, I.V.; TIMOSHIN, P.I.; CHULAKOV, Sh.A.

Fertility of virgin soils tilled by different methods and the root systems of spring wheat [with summary in English]. Izv. AN SSSR Ser.biol. 24 no.1:87-102 Ja-F '59. (MIRA 12:2)

1. Institut pochvovedeniya AN Kazakhskoy SSR.
(YESIL' DISTRICT--TILLAGE) (ROOTS (BOTANY)) (WHEAT)

CHULAKOV, Sh.A.; YAKOVLEVA, Z.M.

Methods of microphotography. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.2:73-75 '59. (MIRA 13:5)
(Microphotography)

USPANOV, U.U.; DZHANPEISOV, R.; CHULAKOV, Sh.A.

Brief Russian-Kazakh soil science dictionary. Izv.AN Kazakh. SSR.Ser.bot.i pochv. no.2:76-98 '59. (MIRA 13:5)
(Soil research--Dictionaries)
(Russian language--Dictionaries--Kazakh)

CHULAKOV, Sh.A., kandidat biologicheskikh nauk

Microbiology of ensilage in Kazakhstan. Vest.AN Kazakh. SSR 16 no.2:102-103 F '60. (MIRA 13:6)
(Kazakhstan--Ensilage--Bacteriology)

CHULAKOV, Sh.A.

Problems in the microbiology of feeds. Mikrobiologiia 29 no. 4:629-630 Jl-Ag '60. (MIRA 13:10)
(BACTERIOLOGY, AGRICULTURAL)

CHULAKOV, Sh.A.

Effect of various soil cultivation practices on the dynamics of microbiological processes. Trudy Inst. mikrobiol. no.7:249-259 '60. (MIRA 14:4)

1. Institut pochvovedeniya Akademii nauk Kazakhskoy SSR.
(SOIL MICRO-ORGANISMS) (TILLAGE)

CHULAKOV, Sh.A.

Microbiological characteristics of virgin and cultivated dark Chestnut soils of Akmolinsk Province. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 4:146-165 '61. (MIRA 14:4)
(AKMOLINSK PROVINCE—SOIL MICRO-ORGANISMS)

CHULAKOV, Sh.A., kand.biologicheskikh nauk

Microbiology of soils in Kazakhstan. Vest.AN Kazakh.SSR 17 no.5:3-9 My '61. (MIRA 14:6)
(KAZAKHSTAN--SOILS--MICROBIOLOGY)

CHULAK'YAN, V.A.; GORSHKOV, L.I.

New transporters manufactured at the Lugansk Diesel Locomotive Plant. Mashinostroenie no.4:117 Jl-Ag '62. (MIRA 15:9)
(Lugansk--Railroads--Freight cars)

USPANOV, U.U., otv. red.; DOROVSKIY, V.M., red.; VOLKOV, A.I., red.; CHULAKOV, Sh.A., red.; KOROLEVA, I.F., red.; IVANOVA, E.I., red.; KHUDYAKOV, A.G., tekhn.red.

[Development of soil science in Kazakhstan] Razvitie pochvovedeniia v Kazakhstane; trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963. 199 p. (MIRA 16:7)

1. Respublikanskaya konferentsiya pochvovedov, posvyashchennaya 40-letiyu ustanovleniya Sovetskoy vlasti v Kazakhstane i obrazovanii Kommunisticheskoy partii Kazakhstana. 3d, Alma-Ata, 1960.

(Kazakhstan--Soil science)

MATYSHUK, I.V.; YEMEL'YANOV, I.I.; TIMOSHIN, P.I.; CHULAKOV, Sh.A.

Tillage of dark Chestnut calcareous soils of the Virgin Territory and plant nutrition. Izv. AN SSSR Ser. biol. no.2:244-256 Mr-Ap'64 (MIRA 17:3)

1. Institut pochvovedeniya AN KazSSR, Alma-Ata.

CHULANOV, B. T.

36445 Primeneniye sovetskogo khloramina b pri obrabotke ruk khirurga. Khirurgiya, 1949, No. 11, S. 84-85

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

CHULANOV, B.I., kandidat meditsinskikh nauk

Local anesthesia with a 0.1% novocaine solution. Khirurgiia no.2: 35-39 F '55. (MLRA 8:5)

1. Kafedra khirurgicheskikh bolezney (zav. prof. N.A.Sinakevich) Irkutskogo stomatologicheskogo instituta (dir. dotsent K.K.Alkalayev).

(PROCAINE, anesthesia and analgesia, local, 0.1% solution)
(ANESTHESIA, LOCAL, procaine, 0.1% solution.

CHULANOV, B. I., dotsent; LIFSHITS, E. M. (Irkutsk)

Case of foreign bodies in the appendix. Klin. med. no.6:142-144 '61. (MIRA 14:12)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. E. T. Senchillo-Yaverbaum) Irkutskogo meditsinskogo instituta (dir. - prof. A. I. Nikitin)

(APPENDIX—FOREIGN BODIES)

CHULANOV, B.I., dotsent

Glass wound of the heart. Khirurgiia no.9:131-132 '62.
(MIRA 15:10)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. Z.T. Senchillo-Yaverbaum) Irkutskogo meditsinskogo instituta.
(HEART—WOUNDS AND INJURIES)

CHULANOV, B.I., dotsent (Irkutsk. ul. Timiryazeva, d.1, kv.50)

Intestinal fistulas in appendicitis. Klin. khir. no.10:52-55 O '62. (MIRA 16:7)

1. Kafedra gospital'noy khirurgii (zav.- prof. Z.T. Zenshillo-Yaverbaum) Irkutskogo meditsinskogo instituta
(FISTULA, INTESTINAL) (APPENDICITIS)

CHULANOV, B.I., dotsent (Irkutsk, ul. Timiryazeva, d.1., kv.50)

Inflammatory "tumors" following appendectomy. Vest. Khir. 91 no.10:61-65 O '63. (MIRA 17:7)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. Z.T. Senchillo-Yaverbaum) Irkutskogo meditsinskogo instituta (rektor - prof. A.I. Nikitin).

CHULANOV, D.; OZOL, V.

Mig-15 in a circling flight. Kryl rod. 12 no.9:27-28 S '61. (MIRA 14:9)

(Jet planes--Piloting)

CHULANOV, D.; OZOL, V.

Circling flight on a MiG-15. Kryl.rod. 12 no.8:18-19 Ag '61.
(MIRA 14:8)

(Flight training)

CHULANOV, D.; OZOL, V.

Do not take a chance. Kryl.rod. 13 no.2:17 F '62. (MIRA 15:1)
(Meteorology in aeronautics)

BORISOV, Ye.; CHULANOV, D.

Look sharp. Kryl.rod. 14 no.7:38-39 Jl '63. (MIRA 16:9)
(Airplanes—Piloting)

CHULANOV, G. [ed.]

"Economic Development of the Kazakh SSR During the Past Thirty Years," Alma-Ata, Kazgosizdat, 1951

Name: CHULANOV, Gabdulla [Gk.]

Dissertation: Industry of Kazakhstan from the middle of the 19th century to the Great Fatherland War of the Soviet Union

Degree: Doc Economic Sci

Affillation: [not indicated]

Defense Date, Place: 27 Jun 56, Council of Inst of Economics, Acad Sci USSR

Certification Date: 21 Sep 57

Source: BMVO 22/57

CHULANOV, G.Ch.; ISHMUKHAMEDOV, B.; ANTONOV, P.I.; ROZMANOV, M.M.

[Outline history of the economy of the Kazakh S.S.R., 1917 - 1928] Ocherki istorii narodnogo khoziaistva Kazakhskoi SSR, 1917 - 1928 gody. Alma-Ata, Vol.1. 1959. (MIRA 12:12)

1. Akademiya nauk Kazakhskoy SSR. Alma-Ata, Institut ekonomiki.
(Kazakhstan--Economic conditions)

CHULANOV, G.Ch.

Kazakhstan industry during the prewar five-year plans. Izv.AN Kazakh.SSR.Ser.ekon., filos.i prava no.2:74-87 '59.
(MIRA 13:4)
(Kazakhstan--Industries)

[Ch.]

CHULANOV, Gabdulla; KUZNETSOV, Yu.N., red.; PROKHOROV, V.P., tekhn.red.

[Industry of prerevolutionary Kazakhstan; historical and economic study] Promyshlennost' dorevoliutsionnogo Kazakhstana; istoriko-ekonomicheskii ocherk. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1960. 100 p. (MIRA 13:12)

(Kazakhstan--Industries)

SAPARGALIYEV, G.S., kand. yurid.nauk;PAL'GOV,N.N., akad.; BOGATYREV, A.S.; AFANAS'YEV, A.V., prof.; BYKOV, B.A.; SHAKHMATOV, V.F., kand. istor. nauk; POKROVSKIY, S.N., akad.; SAVOS'KO, V.K., kand. istor. nauk; NUSUPBEKOV, A.N., kand. istor. nauk; BAISHEV, S.B., akad.; GOROKHVODATSKIY, I.S., kand. istor. nauk; AKHMETOV, A., kand. istor. nauk; RAKHIMOV, A., kand. istor. nauk; PIVEN', N.F.; CHULANOV, G.Ch., doktor ekonom. nauk; BOROVSKIY, V.A., kand. ekonom. nauk; SYDYKOV, A.S., kand. pedagog. nauk; ZHANGEL'DIN, T., kand. filos. nauk; KARASAYEV, L.K.; KANAPIN, A.K., kand. istor. nauk; BELKNOV, M.D., kand. ekonom. nauk; KARYNBAYEV, S.R., kand. med. nauk; AKHMETOV, K.A.,; SMIRNOVA, N.S., doktor filolog.nauk; SIL'CHENKO, M.S., doktor filolog. nauk; YERZAKOVICH, B.G., kand. iskusstvovedcheskikh nauk; RYBAKOVA, N.; MUKHTAROV, A.I.; BOGATENKOVA, L.I.; KUNDAKBAYEV, B.; SIRANOV, K.S.; SHVYDKO, Z.A., red.; MAMTSOVA, L.B., red.; ZLOBIN, M.V., tekhn. red.

[The Soviet Kazakh Socialist Republic] Kazakhskaia Sovetskaia Sotsialisticheskaia Respublika. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 477 p. (MIRA 14:6)

1. Akademiya nauk Kaz.SSR (for Pal'gov, Pokrovskiy, Baishev)
2. Chlen-korrespondent Akademii nauk KazSSR (for Bykov, Smirnova, Sil'chenko)

(Kazakhstan)

CHULANOV, Gabdulla Chulanovich; ISHMUKHAMEDOV, Bukenbay Mergaliyevich; CHECHELEVA, Tat'yana Vasil'yevna; ZHUBANOVA, Zarya Galimovna; KOLTOCHNIK, N.I., red.; ROROKINA, Z.P., tekhn. red.

[Studies on the history of the national economy of the Kazakh S.S.R.] Ocherki istorii narodnogo khoziaistva Kazakhskoi SSR. [By] G.Ch.Chulanov i dr. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol.2.[From 1928 to June 1941] 1928 god - iiun' 1941 goda. 1962. 374 p. (MIRA 15:8)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut ekonomiki.
(Kazakhstan--Economic conditions)

CHULANOV, G.Ch., doktor ekon. nauk, prof.; KISELEVA, L.I.; ZHUBANOVA, Z.G.; TAYBEKOV, I.Ye.; DZHAKSALIYEV, B.M.; ISHMUKHAMEDOV, B.M.; CHECHELEVA, T.V.; KUZNETSOV, Yu.N., red.; POGOZHEV, A.S., red.; ROROKINA, Z.P., tekhn. red.

[Essays on the history of the national economy of the Kazakh S.S.R.] Ocherki istorii narodnogo khoziaistva Kazakhskoi SSR. Alma-Ata, Izd-vo AN Kaz.SSR. Vol.3. [June 1941 to 1945] Iiun' 1941 goda - 1945 god. 1963. 299 p. (MIRA 17:1)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut ekonomiki.
2. Chlen-korrespondent AN Kaz.SSR (for Chulanov).

CHULANOV, V.N.; STESHENKO, Ye.M.; TAGER, A.R.

Operation of the cement works of an aluminum factory. TSement 27 no. 2:8-10 Mr-Ap '61. (MIRA 14:5)
(Dust--Removal) (Cement plants)

BOGDANOV, M.; BEREL'SON, A.; VOLKOV, V.; VOZNESENSKIY, S.; ZELENUKHIN, S.; IOFE, N.; KORENEV, P.; KRIVINSKAYA, I.; KULAGIN, M.; MARSAVIN, M.; MINAKOVA, P.; POPOVA, M.; SUKHNEV, S.; SHTALTOVNYY, A.; FALEYEVA, L. FROKTISTOV, P.; CHULANOVA, M.; YATSYNIN, N.

Obituary. Ptitsevodstvo 9 no.2:48 F '59. (MIRA 12:3)
(Shutov, Nikolai Ivanovich, d. 1958)

GOL'DENBERG, B.Ya.; ZUBKOV, P.; BEGININ, N.; KOTOMKINA, A.; CHULANOVA, M., metodist; KOCHETOVA, [illegible].

Exhibitions and displays of special items. Inform. biul. VDNKH no.8: 11-15 Ag '64. (MIRA 17:11)

1. Starshiy inzh.-metodist razdela "Organizatsiya proizvodstva i upravleniya promyshlennymi predpriyatiyami" pavil'ona "Mashinostroyeniye" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Gol'denberg). 2. Direktor ob"yedinennykh pavil'onov "Toplivnaya promyshlennost' i geologiya" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Zubkov). 3. Glavnyy metodist pavil'ona "Toplivnaya promyshlennost'" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Beginin). 4. Glavnyy inzh.-metodist pavil'ona "Neftyanaya promyshlennost'" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Kotomkina). 5. Starshiy inzh.-metodist pavil'ona "Molochnaya promyshlennost'" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Kochetova).

CHULANOVA, Ye. A., Cand Med Sci -- (diss) "Treatment of inflammatory diseases of the mucous membrance of the mouth cavity by means of aqueous preparations of rhododendron." Irkutsk, 1960. 20 pp; (Irkutsk State Medical Inst); 250 copies; price not given; (KL, 25-60, 141)

CHULANOVSKAYA, M. V.

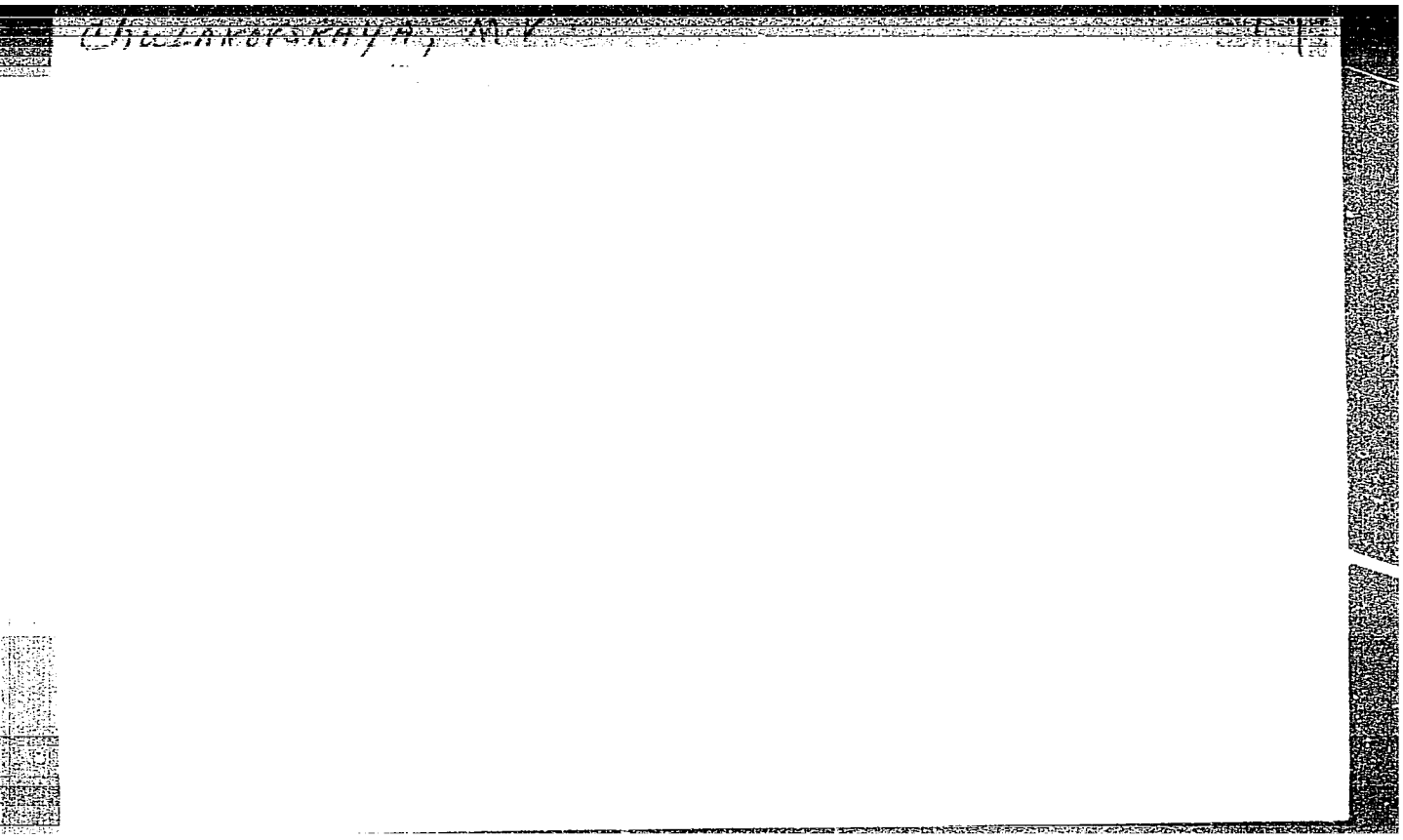
USSR/Chemistry - Spectra, Absorption Sep/Oct 48
Chemistry - Hydrocarbons, Halogenated

"Absorption Spectra, Close to Infrared Region, of Simple Halogen Replacing Paraffin Hydrocarbons," V. M. Chulanovskiy, M. P. Timoreva, M. V. Chulanovskaya, 8 pp

"Iz Ak Nauk SSSR, Ser Fiz" Vol XII, No 5

Hydrocarbons investigated include chloroform, bromoform, carbon tetrachloride, tetrachlorethane, methylene chloride, methyl iodide, toluene and ethyl bromide. Results are plotted and discussed. Includes 13 graphs.

PA 19/49T6



CHULANOVSKAYA, M.V.

Effect of light conditions on the anatomical structure of the leaf and its relation with plant growth and development. Bot. zhur. 46 no.3:364-371 Mr '61. (MIRA 14:3)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut, Leningrad.
(Leaves—Anatomy) (Plants, Effect of light on)

DALETSKAYA, I.A.; CHULANOVSKAYA, M.V.

Effect of temperature on the growth and photosynthesis of the chlorella. Bot. zhur. 49 no.8:1147-1159 Ag '64.
(MIRA 17:11)

1. Botanicheskiy institut imeni Komarova AN SSSR i Institut fiziologii imeni Pavlova AN SSSR, Leningrad.

SEMIKHATOVA, Ol'ga Aleksandrovna; CHULANOVSKAYA, Mariya Vladimirovna; BUSHUYEVA, T.M., red.; VOZNESENSKIY, V.L., red.

[Manometric methods for studying respiration and photosynthesis in plants] Manometricheskie metody izucheniia dykhaniia i fotosinteza rastenii. Moskva, Nauka, 1965. 167 p. (MIRA 18:11)

L 04744-67 EWT(1) SCTB ID

ACC NR: AP6017349 (A,N) SOURCE CODE: UR/0319/66/051/001/0135/0138

41
39
B

AUTHOR: Chulenovskaya, M. V.

ORG: Botanical Institute im. V. L. Komarov, Academy of Sciences SSSR, Leningrad (Botanicheskiy institut im. V. L. Komarov Akademii nauk SSSR)

TITLE: Photosynthetic coefficient in Chlorella under conditions of various temperatures

SOURCE: Botanicheskiy zhurnal, v. 51, no. 1, 1966, 135-138

TOPIC TAGS: algae, photosynthesis, temperature adaptation, plant metabolism, isotope, carbon

ABSTRACT: The relationship between the metabolism of C^{14} and the photosynthetic coefficient was investigated for Chlorella pyrenoidosa Chick, strain 82, during and following the effect of temperatures of 10, 20, 30 and 40 C for up to 2 hours on O_2 and CO_2 exchange. The photosynthetic coefficient (PC) + $O_2/-CO_2$ was determined manometrically in a suspension containing 60 million cells per 1 milliliter in a nitrogen-free culture medium at pH 5. Determination of the average value of PC yielded a figure of 1.05 with a ± 0.06 scattering, and the error was 12% (± 6%). Non-damaging temperature was 40 C for cells

Card 1/2 UDC: 581.132:582.263

L 04744-67

ACC NR: AP6017349 2

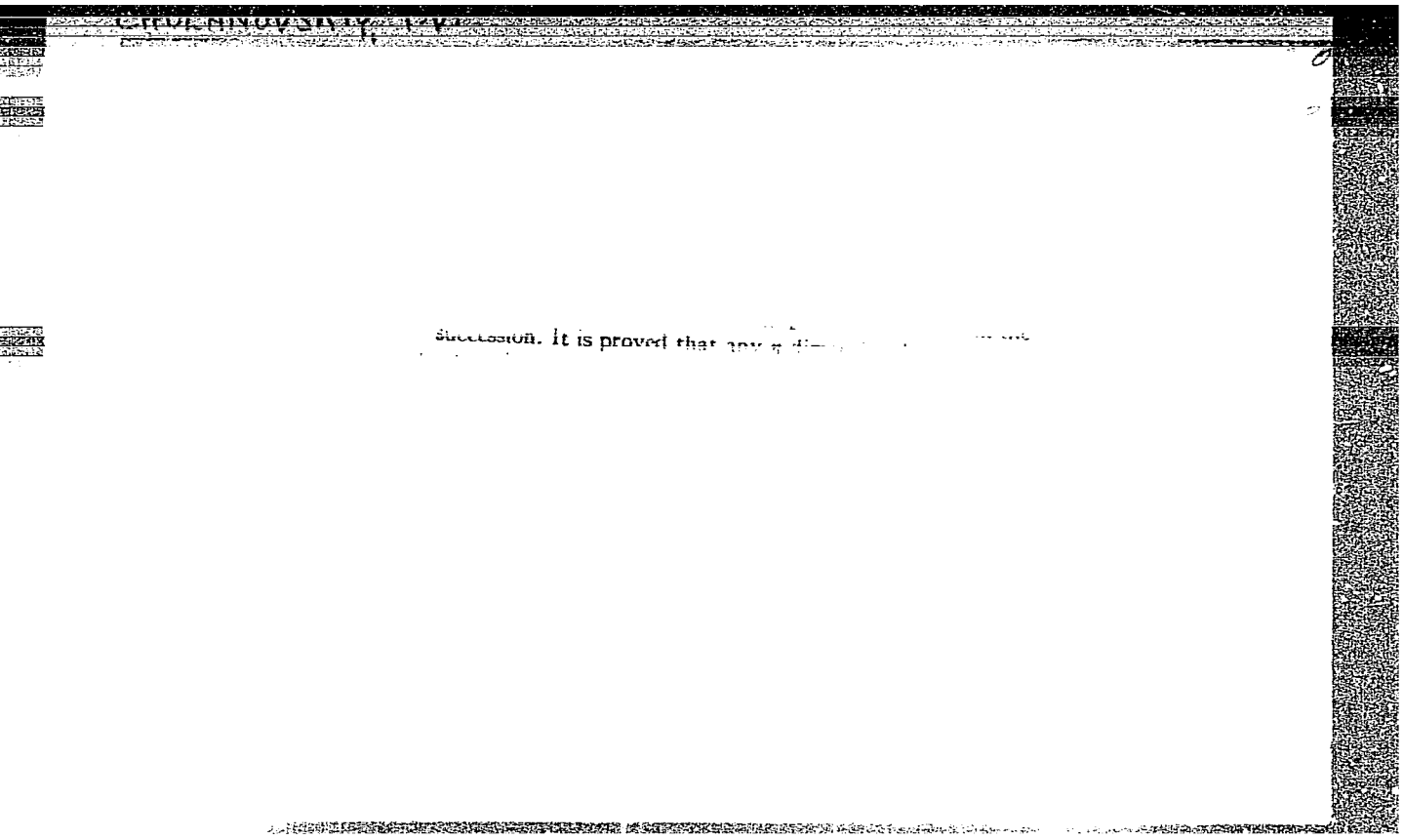
cultured at 20 C. Differences in the PC lay within error limits, thus the PC was constant (1.15 - 1.08). Therefore, under our conditions, the value PC can be used only for orientational evaluation of metabolic dynamics since intensity of photosynthesis and O_2 and CO_2 exchange move in the same direction, leaving the quotient unchanged. "I with to express my gratitude to O. V. Zalenskiy for his guidance in this work and O. A. Semikhatova who helped me to master theory and practice of the manometer and offered continuous advice". Orig. art. has: 2 tables.

SUB CODE: 06, 07/ SUBM DATE: 18Jun65/ ORIG REF: 009/ OTH REF: 010

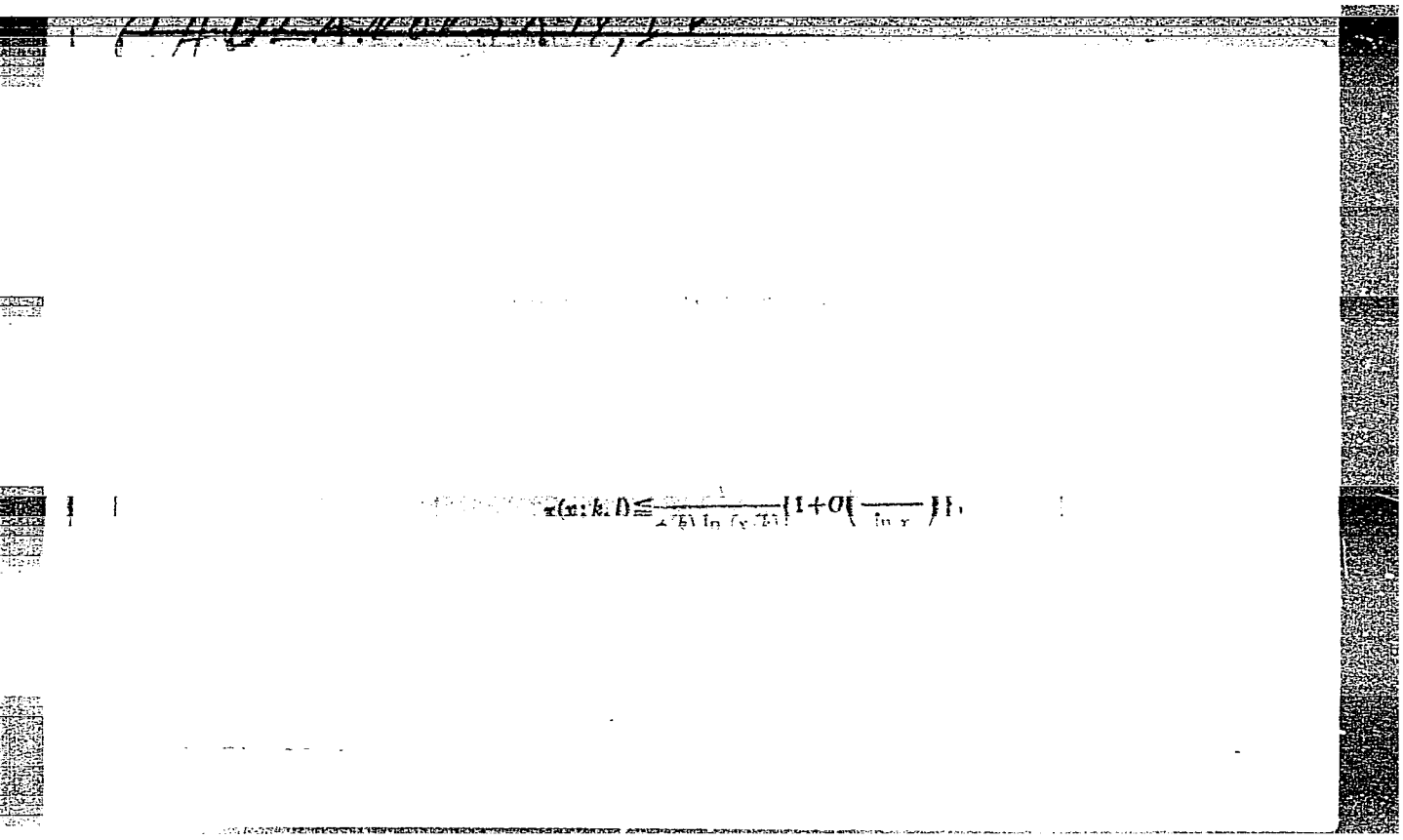
Card 2/2 gd

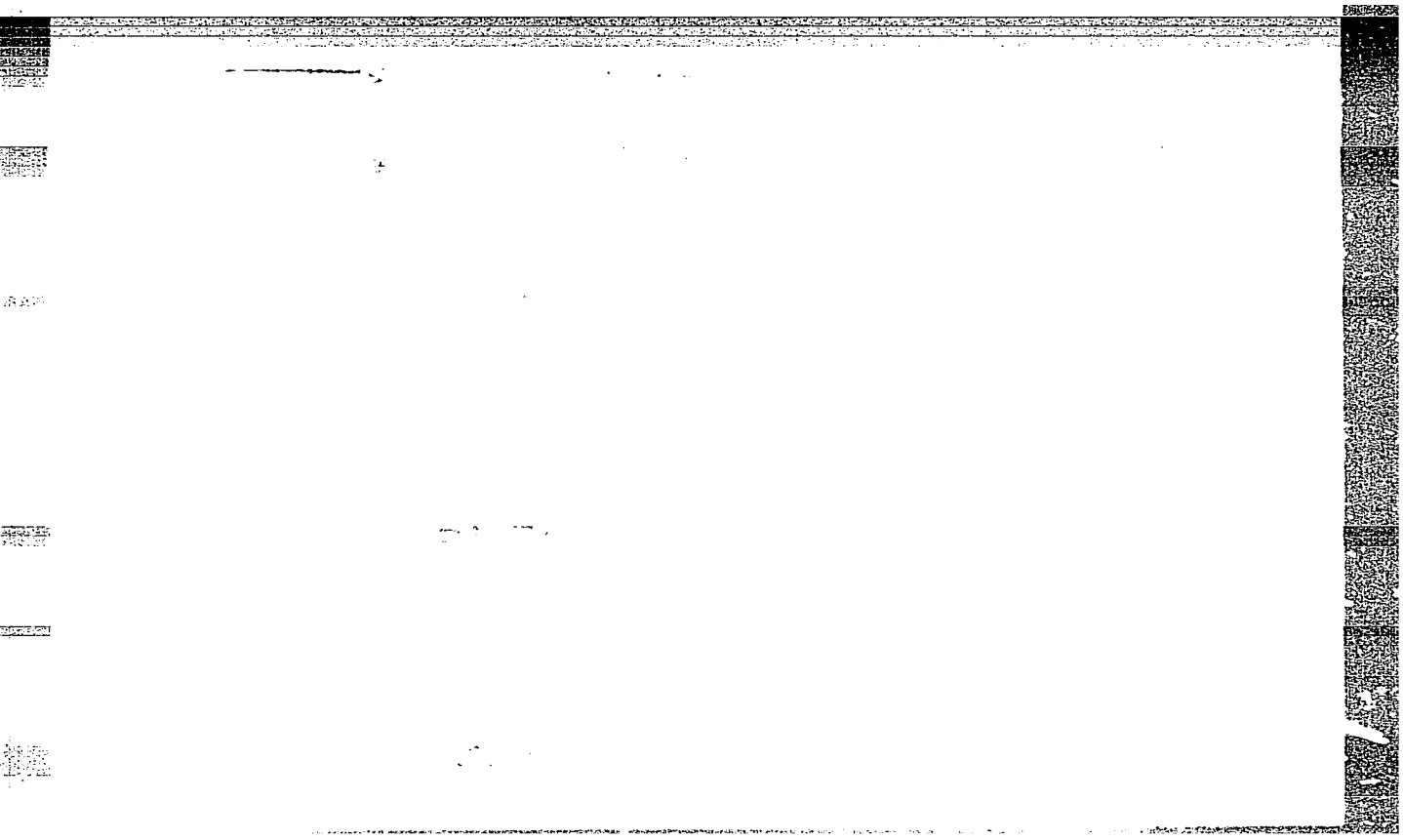
CHULANOVSKIY, A. F.

Introduction to Molecular Spectral Analysis. Glav;oligrafizdat, Main Polygraphic Publishing House, 416 pp, 1952.



succession. It is proved that





APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509110015-9"

CHULANOVSKIY, I. V.

"Certain Elementary Methods in the Theory of Calculation of Prime Numbers." Cand Phys-Math Sci, Mathmatics Inst imeni V. A. Steklov, Acad Sci USSR, 11 Feb 54. Dissertation (Vechernyaya Moskva Moscow, 2 Feb 54)

SO: SUM 186, Aug 1954